



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/627,155      | 07/27/2000  | John Tauber          | P7240.0001/P076     | 9856             |

24998 7590 03/28/2002

DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP  
2101 L STREET NW  
WASHINGTON, DC 20037-1526

EXAMINER

HYLTON, ROBIN ANNETTE

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

3727

DATE MAILED: 03/28/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/627,155

Applicant(s)

TAUBER, JOHN

Examiner

Robin A. Hylton

Art Unit

3727

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 14 January 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_ 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Continued Examination Under 37 CFR 1.114*

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on January 14, 2002 has been entered.

### *Claim Rejections - 35 USC § 112*

2. Claims 21 and 22 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. There is no description set forth to allow for horizontal and vertical movement between the inner and outer caps. It is clear how the annular lip 72 and the lip receptor 38 allow for vertical, non-separating movement between the inner and outer caps. But how does the engagement therebetween allow for horizontal movement between the caps?

3. Claims 1-22 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Specifically, the claims are rejected for the following reasons:

It is unclear how the recesses are both "radially disposed" and "formed at and intersection" of the top wall and the cylindrical skirt. What is the reference point for determining the recesses are radially disposed?

Dependent claims not specifically mentioned are rejected as depending from rejected base claims since they inherently contain the same deficiencies therein.

***Claim Rejections - 35 USC § 102***

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

5. Claims 1-3,6,8-13,15, and 16 are rejected under 35 U.S.C. 102(b) as being anticipated by Ostrowsky (US 3,853,236).

Ostrowsky teaches the claimed closure having lugs on an outer cap and recesses on an inner cap, said recesses each formed by a vertical wall and an inclined wall. The lugs of the outer cap engage the recesses of the inner cap in a closure application direction and slide up the inclined walls in a closure opening direction when a force urging the outer cap towards the inner cap is not being applied. See column 2, lines 61-68 regarding the inclination of the recess walls.

6. Claims 1-6,8-13,15-19,21 and 22 are rejected under 35 U.S.C. 102(b) as being anticipated by Maki (US 3,622,027).

The lugs are formed by knurls **34** and the recesses are formed by knurls **24**. The recesses each comprise a wall which is inclined with respect to a vertical axis extending longitudinally of the safety closure.

To the degree claims 21 and 22 are understood in view of the rejection under 25 USC 112, first and second paragraphs, the outer cap is free to move in both a vertical and horizontal direction with respect to the inner cap in as much as that disclosed.

***Claim Rejections - 35 USC § 103***

7. Claims 4,5 and 17-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ostrowsky.

Ostrowsky discloses the claimed invention except for the lugs and recesses numbering at least twelve and/or the lugs and recesses numbering twenty-four.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide at least twelve and more specifically twenty-four lugs and recesses, since it

Art Unit: 3727

has been held that discovering an optimum value of a result effective variable involves only routine skill in the art. *In re Boesch*, 617 F.2d 272, 205 USPQ 215 (CCPA 1980).

8. Claims 7 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ostrowsky in view of Friedenthal (US 5,147,053).

Ostrowsky teaches the claimed closure except for the first top cap containing a beveled edge.

Friedenthal teaches a closure having a beveled edge.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide a beveled edge as taught by Friedenthal to the first top cap of Ostrowsky. Doing so would provide a cap edge which would allow for more comfortable actuation of the first cap toward the second cap.

9. Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ostrowsky in view of Buono (US 5,197,616).

Ostrowsky teaches the claimed closure except for indicia on an outer surface of the first top wall.

Buono teaches a closure having indicia on an outer surface of the first top wall.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to apply indicia on an outer surface of the first top wall as taught by Buono to the closure of Ostrowsky. Doing so would provide operating instructions for the user of the closure.

10. Claims 7,14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maki in view of Friedenthal.

Maki discloses the claimed safety closure except for a beveled edge on the outer cap and a plurality of ridges on the outer cap skirt.

Friedenthal discloses a safety closure comprising an top cap having a beveled edge and a plurality of ridges on the skirt.

Art Unit: 3727

It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide a beveled edge to the top cap and a plurality of ridges on the skirt as taught by Friedenthal to the closure of Maki. Doing so would provide user comfort when pressing downwardly on the safety closure with a hand while enhancing gripping of the safety closure.

11. Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over Maki in view of Buono (US 5,197,616).

Maki teaches the claimed closure except for indicia on an outer surface of the first top wall.

Buono teaches a closure having indicia on an outer surface of the first top wall.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to apply indicia on an outer surface of the first top wall as taught by Buono to the closure of Maki. Doing so would provide operating instructions for a user of the closure.

### ***Response to Arguments***

12. Applicant's arguments filed January 14, 2002 have been fully considered but they are not persuasive.

Regarding applicant's remarks with regard to Ostrowsky, the drawings cannot be relied upon to determine what "differences" exist between the disclosure of the patent and the claims of the instant application. At column 2, lines 61-68, it is disclosed that the inclined wall of the recess (formed by adjacent teeth 18) has two portions -- an upper portion **42** inclined approximately 35° from the horizontal and a lower portion **40** inclined approximately 10° from the horizontal. Thus, an inclined portion of the recess engages the lug in the closure opening direction.

Regarding the remarks of the separator between the upper and lower caps of Ostrowsky, applicant is reminded of the use of "open" phrases such as "comprising" in the preambles of claims. The claims of the instant application do not preclude the use of a separator between the inner and outer caps which is overcome by a downwardly applied force. The instant claims only

Art Unit: 3727

require that a downward force needs to be applied to the caps in order to remove the inner cap from the bottleneck.

In response to applicant's argument that the reference to Maki fail to show certain features of applicant's invention, it is noted that the feature upon which applicant relies (i.e., the closure can be applied to a container without the use of downward force) is not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Regarding the remarks of the flexible filaments between the upper and lower caps of Maki, applicant is reminded of the use of "open" phrases such as "comprising" in the preambles of claims. The claims of the instant application do not preclude the use of a series of flexible filaments between the inner and outer caps which is overcome by a downwardly applied force. The instant claims only require that a downward force needs to be applied to the caps in order to remove the inner cap from the bottleneck.

### ***Conclusion***

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Child-resistant closures having engaging recesses and lugs are cited for their disclosures.

14. In order to reduce pendency and avoid potential delays, Group 3720 is encouraging FAXing of responses to Office Actions directly into the Group at (703) 305-3579. This practice may be used for filing papers not requiring a fee. It may also be used for filing papers which require a fee by applicants who authorize charges to a PTO deposit account. Please identify the examiner and art unit at the top of your cover sheet. Papers submitted via FAX into Group 3720 will be promptly forwarded to the examiner.

15. It is called to applicant's attention that if a communication is faxed before the reply time has expired, applicant may submit the reply with a "Certificate of Facsimile" which merely asserts that

Art Unit: 3727

the reply is being faxed on a given date. So faxed, before the period for reply has expired, the reply may be considered timely. A suggested format for a certificate follows:

I hereby certify that this correspondence for Application Serial No. \_\_\_\_\_ is being facsimiled to The U.S. Patent and Trademark Office via fax number (703) 305-3579 on the date shown below:

Typed or printed name of person signing this certificate  
\_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robin Hylton whose telephone number is (703) 308-1208. The examiner can normally be reached on Monday - Friday from 9:30 a.m. to 5:00 p.m. (Eastern time).

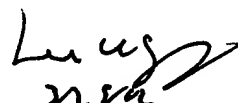
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lee Young, can be reached on (703) 308-2572.

If in receiving this Office Action it is apparent to applicant that certain documents are missing, e.g., copies of references cited, form PTO-1449, form PTO-892, etc., requests for copies of such papers should be directed to Errica Bemby at (703) 306-4005.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-1148.

Robin A. Hylton/rah  
Patent Examiner  
GAU 3727

March 22, 2002

  
LEE YOUNG  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3700